Beltone **Silk**™

SLK76-DWT SLK76-DW

Product Description

Behind-the-Ear (BTE) hearing instrument model 76 in the standard power category supporting open and closed configurations.

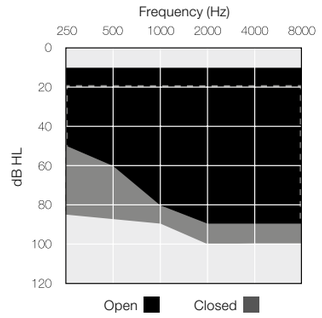
Sound processing done by Beltone's Dual Processing platform for efficient algorithm execution and outstanding sound quality.

3rd generation 2.4 GHz wireless technology features Bluetooth® 4.0 allowing the hearing instrument to connect to iPhone®, iPad® and iPod touch®, and Beltone's complete line of Direct accessories.

The 76 model features telecoil and Direct Audio Input (DAI).

The BTE hearing instrument is HPF80 NanoBlock-coated for optimum durability.

Fitting Range



Model	SLK1776-DW SLK1776-DWT	SLK976-DW SLK976-DWT	SLK676-DW SLK676-DWT
Device Features			
Battery size	13		
Colors available	9 standard		
Functional Features			
Fully Flexible Programs	4	4	4
Synchronized Push Button	●	●	●
Synchronized Volume Control	●	●	●
Delayed Activation	●	●	●
Auto Phone	●	●	●
Asymmetric Phone Handling	●	●	●
Ear to Ear Communication	●	●	●
Direct audio streaming (Made for iPhone)	●	●	●
Beltone Direct TV Link 2, myPAL, Phone Link 2 & Remote Control 2.	●	●	●
Beltone SmartRemote (Phone Link 2 is required)	●	●	●
Audiological Features			
Curvilinear Rapid - number of channels	17	15	12
CrossLink Directionality with Personal Sound ID™	●		
Personal Sound ID™	●		
CrossLink Directionality		●	
Band-split Directionality	●	●	●
-Adjustable Mixing point Frequency	●	●	
Spatial Directionality		●	●
Synchronized Speech Spotter Pro	●	●	
Synchronized Speech Spotter Basic			●
Smart Beam Steering	●		
Fixed Beam Width	●	●	●
Adaptive Directionality™	●	◉	○
Smart Gain Pro	●		
Smart Gain		●	
Noisereduction	●	◉	○
Silencer	●	◉	○
Wind Noise Reduction	●	◉	○
Sound Shifter	●	●	●
Feedback Eraser with WhistleStop	●		
Feedback Eraser		◉	○
-AFX Music Mode	●	●	●
Synchronized Satisfy	●	●	●
Amplification Strategy WDRC	●	●	●
Tinnitus Breaker Pro	●	●	●
Fitting Features			
Fitting Software SolusPro 1.8 or higher	●	●	●
Safeguard Feedback Control	●	●	●
Satisfaction Journal	●	●	●
In Situ Audiometry	●	●	●
Wireless Fitting with Airlink™	●	●	●

○ Basic Settings

◉ Advanced Settings

● Ultimate Settings

Made for iPod iPhone iPad

Beltone Silk™ is compatible with iPhone 6, iPhone 6 Plus, iPhone 5s, iPhone 5c, iPhone 5, iPad Air 2, iPad Air, iPad (4th generation), iPad mini 3, iPad mini 2, iPad mini with Retina display, iPad mini and iPod touch (5th generation) using iOS 7.X or later.
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Beltone™

400444000-GB-15.08-Rev.B

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Beltone™

Technical Specifications

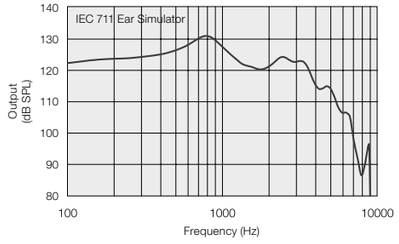
		SLK76-DWT		
		IEC 60118-0 IEC 711 Ear simulator	IEC 60118-7 ANSI S3.22 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz/HFA	41	40	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	59 50	49 45	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	131 121	127 117	dB SPL
Total harmonic distortion	500 Hz 800 Hz 1600 Hz	0.4 0.3 0.9	0.2 0.2 0.8	%
Telecoil sensitivity (1 mA/m input) HFA - SPLIV @ 31.6 mA/m (ANSI) Full-on telecoil sensitivity @ 1mA/m	Max. HFA 1600 Hz/HFA	95 84	 102 78	dB SPL
Equivalent input noise		28	25	dB SPL
Frequency range (DIN 45605/ANSI)		100-7110	100-7010	Hz
Current drain		1.2	1.2	mA

Data in accordance with IEC 60118-0, IEC 60118-7 and ANSI S3.22–2009; supply voltage 1.3 V.

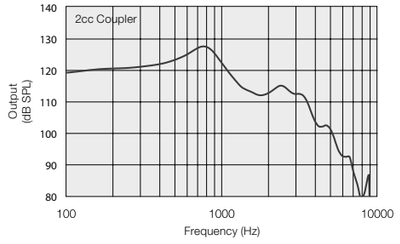
Patents pending

All specifications are subject to change without notice

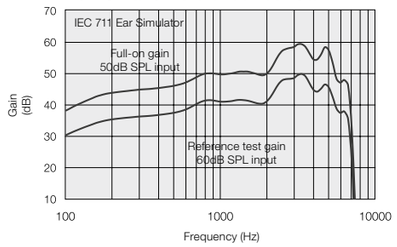
Maximum Output (OSPL 90)



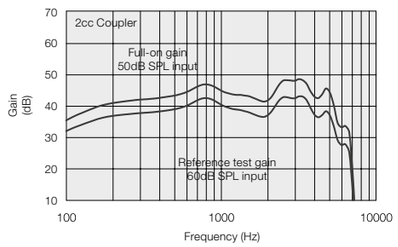
Maximum Output (OSPL 90)



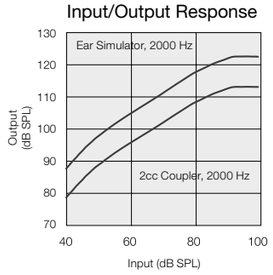
Full-On and Reference Test Gain



Full-On and Reference Test Gain

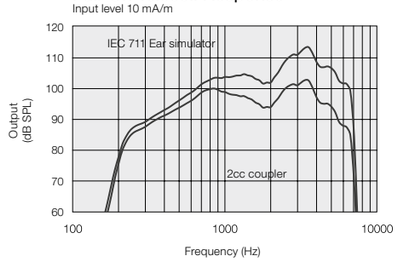


Input/Output Response



Full-On Telecoil Response

Input level 10 mA/m



Notes:
O.E.S. = Occluded Ear Simulator
2cc = 2 cm^3 coupler
Pi = Acoustic input signal

Basic settings:
Full-on Gain, Reference Test Gain
MPO = Maximum Power Output
Maximum Band Width

Measured according to IEC 60 118-0 1983, amendment 1994; at 1.3 V, impedance 6.2 ohms and 23°C on O.E.S. according to IEC711 1981, resp on 2cc according to IEC60118-7 2nd edition 2005 and ANSI S3.22–2009 (HFA average calculated at 1000 Hz, 1600 Hz and 2500 Hz; 0 dBSPL sound pressure equals 20µPa). All measurements without DSP features activated unless indicated otherwise.

Technical Specifications

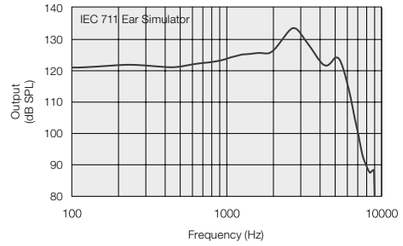
		SLK76-DW		
		IEC 60118-0 IEC 711 Ear simulator	IEC 60118-7 ANSI S3.22 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz/HFA	48	43	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	66 58	57 53	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	134 126	124 121	dB SPL
Total harmonic distortion	500 Hz 800 Hz 1600 Hz	0.4 1.4 0.9	0.4 0.8 0.7	%
Telecoil sensitivity (1 mA/m input) HFA - SPLIV @ 31.6 mA/m (ANSI) Full-on telecoil sensitivity @ 1mA/m	Max. HFA 1600 Hz/HFA	98 90	 105 85	dB SPL
Equivalent input noise		25	20	dB SPL
Frequency range (DIN 45605/ANSI)		100-6560	100-6140	Hz
Current drain		1.2	1.2	mA

Data in accordance with IEC 60118-0, IEC 60118-7 and ANSI S3.22–2009; supply voltage 1.3 V.

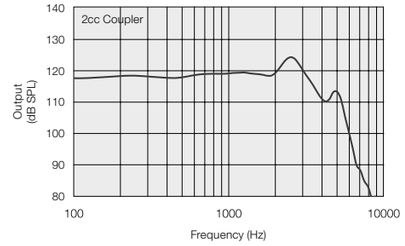
Patents pending

All specifications are subject to change without notice

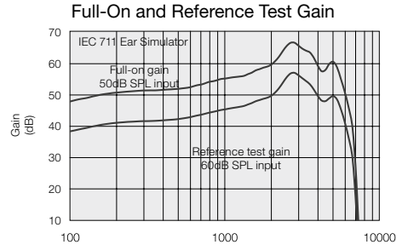
Maximum Output (OSPL 90)



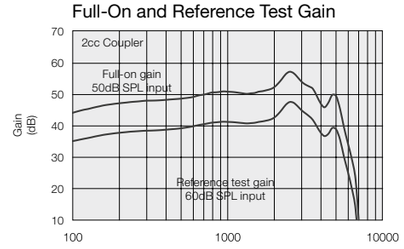
Maximum Output (OSPL 90)



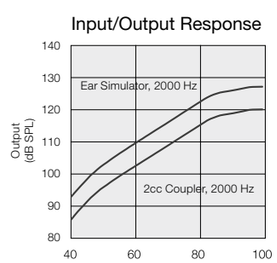
Full-On and Reference Test Gain



Full-On and Reference Test Gain

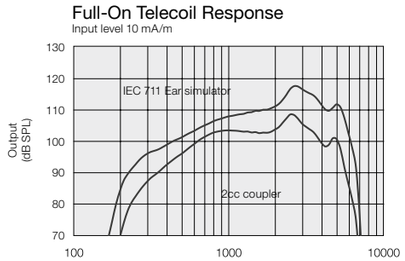


Input/Output Response



Full-On Telecoil Response

Input level 10 mA/m



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